SAP Supply Chain Control Tower
Meet the Experts
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Agenda

- Intelligent Visibility
- Custom Alerts
- External Navigation
- Questions and Answers
Intelligent Visibility
Agenda

Intelligent Visibility

- Display of alerts, order confirmations, and gating factors
- Contextual navigation to external systems
- Demo
Display of order based alerts in IV

- Select the Order based planning area
- Select the subscriptions you have configured for your order based alerts using the provided alert definition templates
- Click on Go
Display of order based alerts in IV (2)

- Total alerts per locations is displayed in the red icon
- By selecting a location that has alerts, a detail screen is open.
- A summary of the alerts is displayed in a list
- By selecting an alert from the list, the sales order that are unconfirmed are displayed for the selected location
Display of gating factors

- By selecting a sales order the list of gating factors is displayed that can give a reason why the orders are not confirmed.
- You can always navigate to the View Gating factor app for further analysis such as viewing the order network.
### Navigation to Gating factor app (Order network)

**Order network can be used to analyze further the gating factors and identify the issues**
Navigation to External Systems

The user has the possibility to navigate to external systems from the gating factors.

- The gating factor provides information that can be used to navigate to the execution system and link to documents such as Purchase Orders, Production Orders and others.

- For detail on configuration of the navigation to S/4 documents see note: 2900539
Custom Alerts
Agenda

Custom Alerts

- Navigation to Web-based Planning
- Navigation to View Gating Factors
- Order-based Planning – alert templates for external key figures
- Alert rules with period offsets
- Communication Arrangements for map providers
- Demo
Navigation to Web-Based Planning from the Alert Monitor

You can navigate to the Web-Based planning app to be able to change the data and solve the alert.
Navigation to the View Gating Factors app from Alert Monitor

Users can navigate to the View Gating Factors app from the Alert Monitor.

Users can see alerts from Order-based Planning data and directly navigate to the app.

Navigation is available with external key figures in the Order-based Planning planning area.
Alerts based on sales order data

- You can use one of the following alert definition templates to create alerts on an order based planning area (SAP 7 model).
  1. Sales Order (Confirmed late)
  2. Sales Order (Unfulfilled )
  3. Sales Order (Not Confirmed in Time)

- When you use an alert definition template, the attributes, key figures and rules are prefilled for you. This settings are crucial and determine a very specific type of alerts.

You still can make few changes to your alert definition by adding some key figures or attributes but there is a minimum of setup that is needed to make the alerts appear in the Intelligent Visibility app. Some validations are added to guide you before saving.
Setup of a Sales Order (Confirmed late) alert

- This alert definition will find sales orders that are confirmed late, here is an example of the setup.
  - Rule: Sales order (confirmed Late) > 0
  - Calculation level: Material Number, Location ID, day
  - Key figures: Sales Order (Requested), Sales Order (Confirmed In Time), Sales Order (Confirmed Late), Sales Order (Unfulfilled)
  - Time Horizon: Day
Setup of a Sales Order (Unfulfilled) alert

- This alert definition will find sales orders that are unfulfilled, here is an example of the setup.
  - Rule: Sales order (unfulfilled) > 0
  - Calculation level: Material Number, Location ID, day
  - Key figures: Sales Order (Requested), Sales Order (Confirmed In Time), Sales Order (Confirmed Late), Sales Order (Unfulfilled)
  - Time Horizon: Day
Setup of a Sales Order (Not confirmed in time) alert

- This alert definition will find sales orders that are not in time (not fulfilled and late)

- Rules: Sales order (confirmed Late) > 0 and Sales order (unfulfilled) > 0

- Calculation level: Material Number, Location ID, day

- Key figures: Sales Order (Requested), Sales Order (Confirmed In Time), Sales Order (Confirmed Late), Sales Order (Unfulfilled)

- Time Horizon: Day
Alert rules comparing key figures from different time periods

It is now possible to create alert rules to compare data from different time periods. The period offset is maintained on the rule with the negative or positive offset from the calculation period.

Period offset are only available with Alert Definitions that contain a time period in the calculation level
Intelligent visibility with TomTom or Here map providers

- If you have already a license for Here or TomTom map providers, you can use it to display the map in Intelligent Visibility app.
- You need to setup your communication scenario in order to use one of these map providers. For more information on how to setup the communication scenario see the guide available in the help portal [here](#).
External Navigation
Agenda

External Navigation

- Navigation from alerts and charts – Time series-based navigation
- Navigation from Intelligent Visibility – Order-based navigation
- Demo
Navigation to External Systems – Web App

Users can configure contextual navigation to web apps that can be used in Alerts, Analytics and Intelligent Visibility with orders from OBP.
Intelligent Visibility – Navigation to External Systems

The user has the possibility to navigate to external systems from the gating factors.

- The gating factor provides information that can be used to navigate to the execution system and link to documents such as Purchase Orders, Production Orders and others

- For detail on configuration of the navigation to S/4 documents see note: 2900539
Configuring navigation to external system – Intelligent Visibility

The selection of a gating factor will always pass to the navigation component a fixed list of attributes:

- **LOGSYS, TYPECODE** - the values can be used for dynamic navigation
- **DOCUMENTNUMBER, ITEMNUMBER, SCHEDULEDLINENUMBER** - the values can be used for the external system URL definition
Configuring navigation to external system – Dynamic Navigation

The Dynamic Navigation uses master data entries to determine what navigation to show based on the user selection.

For the navigation from the Intelligent Visibility - Gating Factor, it is recommended to do the configuration based on logical system (if needed) and the document type.

Example:

<table>
<thead>
<tr>
<th>Logical System</th>
<th>Type Code</th>
<th>Name of the Navigation</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOURCESYS</td>
<td>PO</td>
<td>View Planned Order</td>
</tr>
<tr>
<td>SOURCESYS</td>
<td>PROD_ORD</td>
<td>View Production Order</td>
</tr>
<tr>
<td>SOURCESYS</td>
<td>PUR_ORD</td>
<td>View Purchase Document</td>
</tr>
<tr>
<td>SOURCESYS</td>
<td>PUR_REQ</td>
<td>View Requisition Document</td>
</tr>
<tr>
<td>SOURCESYS</td>
<td>STO_O</td>
<td>View Purchase Document</td>
</tr>
<tr>
<td>SOURCESYS</td>
<td>STO_RE_O</td>
<td>View Requisition Document</td>
</tr>
<tr>
<td>SOURCESYS</td>
<td>ID</td>
<td>View Purchase Document</td>
</tr>
</tbody>
</table>
Questions and Answers
Thank you.

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